

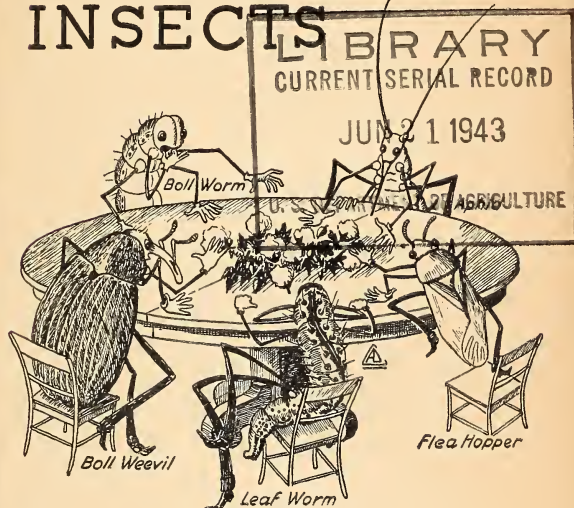
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Ag 884 AW
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Save Cotton BY CONTROLLING INSECTS



INSECT PESTS
ROB COTTON FARMERS
OF MORE THAN
1,000,000 BALES
EVERY YEAR

United States Department of Agriculture

AWI 38

May 1943

STEPS IN INSECT CONTROL

Plant on good land.

Prepare land well.

Use recommended varieties.

Plant early.

Space closely.

Fertilize.

Cultivate thoroughly.

Have insecticides on hand.

Apply insecticides when needed.

Cut stalks early.

*Follow your experiment-station
recommendations.*

PREVENTING
INSECT DAMAGE
SAVES—

LINT—for many uses.

LINTERS—for munitions.

COTTONSEED OIL—for food
and fats.

COTTONSEED MEAL—for
meat and milk.

LABOR—by producing more
cotton on fewer acres.

LAND—for raising food and
other crops needed for the
war.

CONTROL OF COTTON INSECTS

GOOD farm practices cause cotton to fruit early and help to reduce insect damage.

KNOW THE COTTON INSECTS and the damage they do to your crop.

INSECTICIDES should be used when needed, but only if insects are present in sufficient numbers to cause damage.

FLEA HOPPERS and boll weevils can be controlled by dusting with 12 to 15 pounds of a mixture of 1 part calcium arsenate and 2 parts sulfur.

COTTON APHIDS (lice) can be controlled by adding nicotine to calcium arsenate. Use 1 percent nicotine (1 quart of black leaf 40 to 100 pounds of calcium arsenate) for each dust, or 2 percent nicotine for every other dust.

BOLLWORMS can be controlled by dusting with cryolite, calcium arsenate, or lead arsenate while worms are small.

LEAF WORMS can be killed by dusting or spraying with calcium arsenate, lead arsenate, or paris green.

BOLL WEEVILS

Calcium arsenate is the best insecticide for boll weevil control.

Begin dusting when one-tenth to one-quarter of the squares are punctured. On light soils where cotton matures early, begin dusting earlier than on heavy, fertile soils.

Dust with 5 to 7 pounds of calcium arsenate to the acre. Nicotine can be added to prevent infestations by plant lice.

Repeat in 4 to 5 days until weevils are controlled or a crop is set.

Redust if calcium arsenate is rained off in 24 hours.

Dust at any time of day or night when air is quiet.

It is not necessary that plants be wet with dew when dusted.

Cut stalks immediately after cotton is picked.

*For details see your county
agricultural agent.*

U. S. DEPARTMENT OF AGRICULTURE
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